

7. CONFIGURING NETSCAPE

ELVIS performance can be improved by ensuring certain configuration parameters are set correctly. Under the Netscape Options pull-down menu, select Preferences option and then select the Cache and Network option. Configure the memory cache for 3000 KB and the disk cache for 0 KB (these are recommended values). Also under Preferences option, select "Images and Security", and, under Colors, select "Use Closest Color in Color Cube" instead of "dither" (this will improve graphics performance).

If screen space is limited, the Netscape Options pull-down menu allows the user to hide the location and directory buttons. Note that VGA monitors configured for 16 colors will not provide a good color rendering.

It may be necessary to change the location of the browser's cache. It is possible for two browsers (possibly on different hosts) to share the same cache, thereby causing problems as each browser attempts to store/retrieve data from the common cache. This problem may appear in various forms, such as an inability to resize the browser window (without having to reload the data) or the failure of the browser's BACK key to retrieve previous documents. Typically an error message will be displayed when the browser is first launched warning of a potential conflict with the cache (so be sure to read all warning/error messages that the browser displays). The easiest solution is to configure each browser to use a different cache (consult the browser's documentation for details on specifying the cache).

For more information on using Netscape Navigator, refer to the Navigator documentation. For reference, some standard Web HTML status/error codes are listed below:

2xx - Success (the action was successfully received, understood, and accepted)

200 (OK)

The server has fulfilled the request and a response is being sent to the browser.

202 (Accepted)

The server has accepted the request, but the processing has not been completed.

204 (No Content)

The server has fulfilled the request, but there is no new information to send to the browser. Note that Microsoft's Internet Explorer browser (versions 2 and 3) does not appear to handle this status code correctly.

3xx - Redirection (further action must be taken to complete the request)

301 (Moved Permanently)

The requested resource has been assigned a new permanent URL

302 (Moved Temporarily)

The requested resource has been assigned a new permanent URL

4xx - Client Error (the request cannot be fulfilled)

400 (Bad Request)

The browser request had an incorrect syntax or the server could not understand the request.

401 (Unauthorized)

The request requires user authentication, specifically, the server expects an encryption ID from the browser or the entered password is incorrect. When the server delivers this error code, a “WWW Authenticate” header field is contained in the server response which causes the browser to open a login/password window.

403 (Forbidden)

The requested document is forbidden, possibly because the user does not have read privileges.

404 (Not Found)

The requested document no longer exists in its original location (i.e., the document has been moved or deleted).

5xx - Server Error (the server failed to fulfill the request)

500 (Internal Server Error)

The server could not fulfill the request due to an unexpected condition (e.g., server software error).

501 (Not Implemented)

The server does not support the functionality required to fulfill the request.

502 (Bad Gateway)

The server received an invalid response from a gateway.

503 (Service Temporarily Overloaded)

The server cannot process the request due to a temporary overloading.

504 (Gateway Time-out)

A connection time-out has occurred, either due to server, network, or client problems.